

1/2

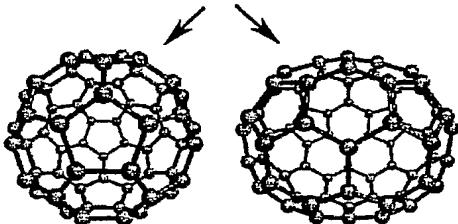
Empty Cage Fullerenes C_{60} (I_h) C_{70} (D_{5h})

FIG. 1

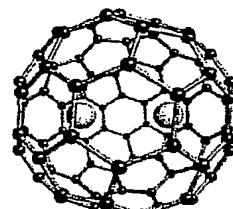
Classical Metallofullerene $Sc_2@C_{84}$ (D_{2d})

FIG. 2

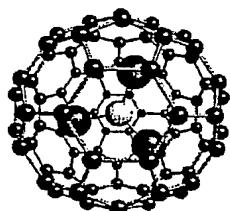
nano Trimetasphere $Sc_3N@C_{80}$ (I_h)

FIG. 3

2/2

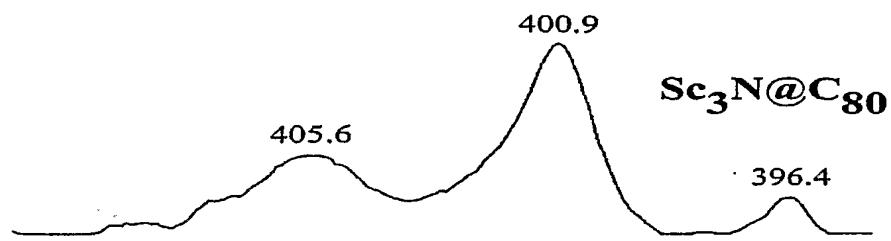


FIG. 4A

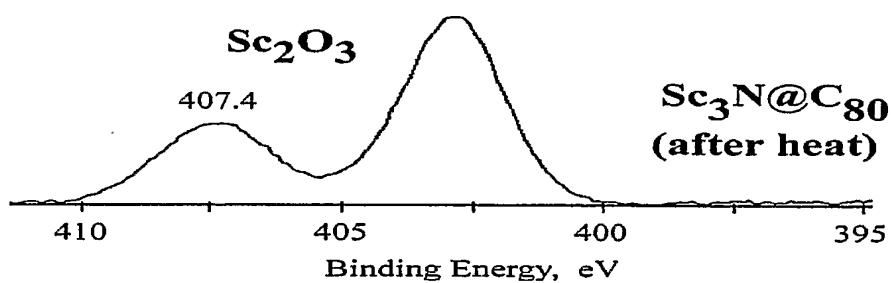


FIG. 4B



FIG. 4C